

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	49	((Araki with Yoshimasa).in. (Takahama with Shin-ichiro).in.) and canon.as.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 08:47
L5	1	4 and pump\$3.clm.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 08:48
L6	2	jp-2004306024-\$.did.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 08:51
L7	1	2004-735697.NRAN.	DERWENT	OR	ON	2008/11/03 08:51
L8	909	347/30.ccls.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 09:31
L9	23	(individual with suction) and 8	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 09:31
L10	4	("4383263" "4394669" "4403233" "4410900").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2008/11/03 09:32
L11	5	("20020085057" "20020171699" "6480182" "6565185" "6783208").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2008/11/03 09:38
L12	2	("5896143" "5903287").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2008/11/03 09:39
L13	4	("4383263" "4394669" "4403233" "4410900").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2008/11/03 09:44
S1	2	"20040189749"	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:02
S2	906	347/29.ccls.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 13:39
S3	741	347/30.ccls.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:02
S4	163	S2 and S3	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:07

S5	8774	((suction vacuum) with ((multiple plural\$3) with tube))	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:06
S6	25	S3 and S5	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:04
S7	168	((suction vacuum) with tube) same (individual with nozzle)	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:07
S8	0	S2 and S7	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:07
S9	1	S3 and S7	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:07
S10	534	(cap with nozzle with alignment)	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:08
S11	8	S2 and S10	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 11:08
S12	906	347/29.cds.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:13
S13	0	(cap near4 each near4 nozzle) and S12	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 13:39
S14	0	(cap with each with nozzle) and S12	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 13:40
S15	67237	**347*/\$.cds.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 13:39
S16	0	(cap with each with nozzle) and S15	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 13:40
S17	0	(cap same (each with nozzle)) and S15	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 13:40

S18	1	("4173020").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/07/31 13:46
S19	1	("4173020").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/07/31 13:47
S20	2	("4539574").URPN.	USPAT	OR	ON	2006/07/31 14:04
S21	9	(nozzle adj cap) with (protrusion)	USPAT	OR	ON	2006/07/31 14:12
S22	20	(cap with equal with nozzle) and S15	USPAT	OR	ON	2006/07/31 14:13
S23	32	(cap with equal with nozzle) and S15	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 14:35
S24	12	(cap with per with nozzle) and S15	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 14:37
S25	271	(cap with per with nozzle) not S24	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 14:38
S26	412	(nozzle adj (cap cover protect\$3)) and S15	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:15
S27	316	S26 not S12	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:14
S28	96	(nozzle adj (cap cover protect\$3)) and S12	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:17
S29	5115	(nozzle with (cap cover protect\$3)) same (pin protrusion pko\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:18
S30	473	(nozzle adj (cap cover protect\$3)) same (pin protrusion pko\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:18
S31	471	(nozzle adj (cap cover protect\$3)) same (pin protrusion pok\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:19
S32	159	(nozzle adj (cap cover protect\$3)) with (pin protrusion pok\$3)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:21
S33	4	(nozzle adj (cap cover protect\$3)) with (pin protrusion pok\$3) and S15	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:19

S34	159	(nozzle adj (cap cover protect\$3)) with (pin protrusion)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:30
S35	57	(nozzle adj (cap cover protect\$3)) with (individual)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:32
S36	26945	S15 and "25"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:30
S37	2	S15 and S35	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:30
S38	28	(individual adj (cap cover protect\$3)) and S15	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:32
S39	13	((US-20040189749-\$ or US-20020130918-\$). did. or (US-5117244-\$ or US-5221027-\$ or US-6074037-\$ or US-6481824-\$ or US-5426456-\$ or US-5883647-\$ or US-4771297-\$). did. or (US-1959959-\$ or US-2905363-\$). did. or (JP-57022066-\$ or JP-57022064-\$). did.	US-PGRUB; USPAT; USOCR; JPO	OR	ON	2006/07/31 15:40
S40	12	S39 and nozzle	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 15:40
S41	39	((liquid and discharge and cap and equal and nozzle). clm.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:15
S42	2	S41 and canon.as.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:14
S43	742	347/30.ccls.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:18
S44	0	(cap with per with color) and S43	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:54
S45	113	(cap with color) and S43	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:54
S46	3	("4952947" "5018884" "5086305").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/08/01 09:13
S47	19	("5625385").UAFPN.	USPAT	OR	ON	2006/08/01 09:13

S48	0	"takashi suzuki".in. and fuji.as.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:18
S49	0	"takashi suzuki" and fuji.as.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:19
S50	111	((takashi with suzuki).in. and fuji.as.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:19
S51	9	((takashi with suzuki).in. and (fuji with xerox).as.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:20
S52	5	(heat\$3 thermal\$3 eject\$3) and S51	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:32
S53	117	(electro with thermal with transducer same boiling) and "347"/\$.ccls.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 09:32
S54	20	("5625385").UPRN.	USPAT	OR	ON	2007/02/20 11:21
S55	1	S54 and (recyd\$3 reuse circulat\$3)	USPAT	OR	ON	2007/02/20 11:21
S56	2303	347/85.ccls.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 13:59
S57	310	347/36.ccls.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 14:00
S58	6	S56 and S57	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 13:59
S59	6	("4122458" "4190844" "4544930" "4612553" "6416918" "6508542").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2007/02/20 13:59
S60	69942	"347"/\$.ccls.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 14:00
S61	1425	((ink liquid (fluid) with (reus\$3 recyd\$3 refurbish \$3)) and S60	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 14:01

S62	159	((link liquid fluid) with (reus\$3 recyd\$3 refurbish \$3)) and S56	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 14:02
S63	90	((link liquid fluid) near2 (reus\$3 recyd\$3 refurbish \$3)) and S56	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 14:24
S64	736	((link liquid fluid) near2 (reus\$3 recyd\$3 refurbish \$3)) and S61	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 14:02
S65	151	((link liquid fluid) with (reus\$3 recyd\$3 refurbish \$3) same color) and S60	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 14:24
S66	970	347/29.cds.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:17
S67	1	((reus\$3 recyd\$3 refurbish\$3) with color) and S66	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:22
S68	2	((reus\$3 recyd\$3 refurbish\$3) same color) and S66	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:26
S69	769	347/30.cds.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:25
S70	1	((reus\$3 recyd\$3 refurbish\$3) same color) and S67	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:26
S71	18	((reus\$3 recyd\$3 refurbish\$3) with (ink liquid fluid)) and S66	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:29
S72	1	((reus\$3 recyd\$3 refurbish\$3) with (ink liquid fluid)) and S67	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:26
S73	89	((((reus\$3 recyd\$3 refurbish\$3) with (ink liquid fluid)) same (cap cover)) and "347"/\$cds.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:52
S74	17	((((reus\$3 recyd\$3 refurbish\$3) with (ink liquid fluid)) same (cap cover)) and "347"/85.cds.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:52

S75	1	("6830855").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2007/02/21 08:54
S76	12	("4107699" "5428378" "6123409" "6132026" "6145958" "6158838" "6213583" "6224186" "6234620" "6273547" "6281911" "6340220").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2007/02/21 09:01
S77	0	("7048353").URPN.	USPAT	OR	ON	2007/02/21 09:02
S78	535	347/92.cds.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:17
S79	31	(filter with remov\$3 with (gas air)) and S78	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:23
S80	2	"7048353".pn.	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 09:23
S81	1	2004-374131.NRAN.	DERWENT	OR	ON	2007/02/21 09:23
S82	8	("4449475" "4591543" "4627705" "4767689" "4796051" "4800839" "4801965" "4895103").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2007/10/12 13:04
S83	1940982	bubble heat boil and S82	US-PGRUB; USPAT; USOOR	OR	ON	2007/10/12 13:05
S84	2	(bubble heat boil) and S82	US-PGRUB; USPAT; USOOR	OR	ON	2007/10/12 13:05
S85	10	("3839071" "4340896" "5231454" "5231455" "5278615" "5557376" "5561448" "5585900" "5634170" "5749032").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2007/10/12 13:11
S86	592	347/30.cds.	US-PGRUB; USPAT; USOOR	OR	ON	2007/10/12 13:11
S87	483	"pumps" and S86	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 13:26
S88	2	S84 and (bubble heat boil thermal)	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 13:12
S89	430	S87 and (bubble heat boil thermal)	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 13:12
S90	399	S87 and (bubble)	US-PGRUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 13:12
S91	98	("4383263").URPN.	USPAT	OR	ON	2007/10/12 13:16

S92	12	"pumps" and S86 and re\$2use	US-PGRUB; USPAT; USOCOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 13:33
S93	0	("5,625,385,070,9616,578,945").PN.	USPAT	OR	OFF	2007/10/12 13:28
S94	3	((("5,625,385") or ("6,070,961") or ("6,578,945")).PN.	USPAT	OR	OFF	2007/10/12 13:29
S95	5	"pumps" and S86 and recycle	US-PGRUB; USPAT; USOCOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 13:33
S96	27	((US-20040189749-\$ or US-20020130918-\$ or US-20020105565-\$).did. or (US-5221027-\$ or US-5426456-\$ or US-6074037-\$ or US-4771297-\$ or US-5883647-\$ or US-5117244-\$ or US-6481824-\$ or US-5625385-\$ or US-6000792-\$ or US-4345262-\$ or US-7033005-\$ or US-4987429-\$ or US-7048353-\$ or US-5933689-\$ or US-5561448-\$ or US-4383263-\$ or US-5953026-\$ or US-6523931-\$ or US-6578945-\$).did. or (US-2905363-\$ or US-1959959-\$).did. or (JP-57022064-\$ or JP-57022066-\$ or JP-58177369-\$).did.	US-PGRUB; USPAT; USOCOR; JPO	OR	ON	2007/10/12 13:35
S97	0	S96 and deaerat and filter	US-PGRUB; USPAT; USOCOR; JPO	OR	ON	2007/10/12 13:36
S98	1	S96 and deaerat\$4 and filter	US-PGRUB; USPAT; USOCOR; JPO	OR	ON	2007/10/12 13:36
S99	1	S96 and deaerat\$4 and filter\$4	US-PGRUB; USPAT; USOCOR; JPO	OR	ON	2007/10/12 13:36
S100	1680886	S96 and deaerat\$4 or filter\$4	US-PGRUB; USPAT; USOCOR; JPO	OR	ON	2007/10/12 13:36
S101	16	S96 and (deaerat\$4 or filter\$4)	US-PGRUB; USPAT; USOCOR; JPO	OR	ON	2007/10/12 13:37
S102	14	S101 and color	US-PGRUB; USPAT; USOCOR; JPO	OR	ON	2007/10/12 13:37
S103	27	((US-20040189749-\$ or US-20020130918-\$ or US-20020105565-\$).did. or (US-5221027-\$ or US-5426456-\$ or US-6074037-\$ or US-4771297-\$ or US-5883647-\$ or US-5117244-\$ or US-6481824-\$ or US-5625385-\$ or US-6000792-\$ or US-4345262-\$ or US-7033005-\$ or US-4987429-\$ or US-7048353-\$ or US-5933689-\$ or US-5561448-\$ or US-4383263-\$ or US-5953026-\$ or US-6523931-\$ or US-6578945-\$).did. or (US-2905363-\$ or US-1959959-\$).did. or (JP-57022064-\$ or JP-57022066-\$ or JP-58177369-\$).did.	US-PGRUB; USPAT; USOCOR; JPO	OR	ON	2008/04/21 14:10
S104	19	S103 and pump\$3	US-PGRUB; USPAT; USOCOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 14:10
S105	4	("5953026").UPRN.	USPAT	OR	ON	2008/04/21 14:14

S106	15	("4383263" "4437104" "4538160" "4695824" "4901094" "4965596" "5157421" "5172140" "5237341" "5579038" "5617124" "5618338" "5635969" "5640187" "5680162").PN.	US-PGRUB; USPAT; USOOR	OR	ON	2008/04/21 14:14
S107	0	(detach\$3 near2 pump) and "347"/\$.cds.	US-PGRUB; USPAT; USOOR	OR	ON	2008/04/21 14:41
S108	0	(detach\$3 near2 pump) and "347"/\$.cds.	US-PGRUB; USPAT; USOOR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 14:41
S109	48	(detach\$3 with pump) and "347"/\$.cds.	US-PGRUB; USPAT; USOOR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 14:41

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